

The Raleigh Amateur Radio Society's

EXCITER



RARS EVENTS:

- The RARS General Membership meeting is the 1st Tuesday of the month.
- The RARS net meets every night @ 8 PM on 146.640.
- The RARS Technical & Trader's net is Saturdays @ 8:30 PM or following the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

Time to Renew!

Please help us continue to provide quality programs, activities, and events for our club members. One of the ways we do this is through the RARS annual dues. The membership year is July 1-June 30, so it's time to renew!

There are a number of ways to pay your dues.

- Pay at a RARS meeting.
- Mail your dues to the RARS Treasurer:
Greg Seamster
1405 Leanne Court
Raleigh, NC 27606
- Pay online at <http://www.rars.org/joinrars.htm>.
Online payments are made via PayPal to
Raleigh_ARC@earthlink.net.

You are also welcome to renew for multiple years. View your membership status and update data at <http://www.rars.org/only.php>. Please provide updates for your interest in public service, SKYWARN, and ARES. If there are no data changes to your membership (address, call, license class, etc.), you do not need to fill out a renewal form (downloadable PDF at <http://www.rars.org/joinrars.php>). Thanks! We couldn't do it without you.

Dues

Regular: \$18
Reduced (Under 12 or Over 60): \$12
Associate (Not Licensed): \$9
Each Additional Family Member: \$5

Next RARS Meeting: June 5

7:30 PM: "Field Day 2012"
by Bob Starkenburg W4TTX.

RARS OFFICERS:

PRESIDENT

Karl Bowman
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919.669.6068
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VICE PRESIDENT

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KJ4OBQ
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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).



The Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcome articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

The Editor reserves the right to edit any and all pieces.

The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

Editor: Courtney Enzor KI4HOS (editor@rars.org)

RARS General Meeting

Date: First Tuesday of each month

Location: First Alliance Church
4400 Buffaloe Road
Raleigh, NC

Time: People begin arriving at 7 PM. The meeting officially begins at 7:30 PM.

RARS Monthly Dinner

Join us on the 2nd Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family – feel free to bring your little ones! Dinner begins at 6:30 pm.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net @ 8 PM on the 146.640. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS member to the net.



VE TESTING

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSCEs you have for credit. Visit www.rars.org for more information.

June Birthdays

Dan	AC8DH	6/1
Bob	KIRCB	6/1
Dawn	KD4EVV	6/3
Gwen	KF4EUT	6/5
Rick	N4VQT	6/7
Sean	NC4ST	6/7
Sandy	KJ4HTA	6/9
David	W4OFO	6/10
Charles	NZ0I	6/11
Rich	KK4DNF	6/17
Wayne	KD4SLQ	6/19
Steve	KA8HXX	6/21
William	W4AK	6/21
Marian	K1MRB	6/24
JC	KA2WOB	6/24
Lanny	K1LEC	6/24
Bill	KF4REC	6/26
Bob	AH2X	6/27
Michael	KJ4TTQ	6/29

Upcoming Hamfests

6/2	Atlanta Hamfest Marietta, GA http://atlantahamfest.org/
6/9	The Winston-Salem Classic Hamfest Winston-Salem, NC http://www.w4nc.com/
6/9	Knoxville Hamfest & Electronics Expo (TN State Convention) Knoxville, TN http://w4bbb.org
6/10	The Manassas Hamfest Manassas, VA http://www.w4ovh.net/
6/30	20th Down East Hamfest Kinston, NC http://www.downeasthamfest.org/
7/7	Firecracker Hamfest Salisbury, NC http://www.rowanars.org/

New RARS Members

Kirk Scott KK4JDD

April 2012

RARS Net Reports

Checkins: 510	Special Interest Nets:
Traffic: 32/22	Checkins: 125
Minutes: 620	Minutes: 440
Sessions: 30	Sessions: 10

President's Corner

**Column by Karl Bowman W4CHX,
RARS President**

I am really looking forward to ARRL Field Day this year! And, it will be here soon: June 22-24! Bob W4TTX and the band captains have great plans, which should lead to another successful Field Day for RARS. Please don't forget that volunteers are needed for set up, operations, and tear down; and, David KF4VXJ will need assistance with picking up donated items prior to Field Day. If you can help, please contact Bob W4TTX, our Field Day Chair or David KF4VXJ.

Maker Faire North Carolina will be occurring on Saturday, June 16 at the Kerr Scott Building, NC State Fairgrounds from 10:00 AM to 5:00 PM. Maker Faire is an annual event that tends to attract "do-it-yourself" people". If you would like to attend Maker Faire North Carolina, please see <http://makerfairenc.com/> for further information.

Finally, please do not forget that there are many upcoming public service events, particularly during June. Visit the RARS website or contact John AI4RT at ai4rt@hotmail.com to volunteer for these public service events.

The next RARS meeting will be held on Tuesday, June 5. Bob Starkenburg W4TTX will be our speaker and his presentation will be "Field Day 2012". Please don't forget to attend – it will be great to see you!

Minutes of the March 20, 2012 RARS Board Meeting

Present: Chuck, K4HF; Karl, W4CHX; Jack, N6UYB; C.J., KJ4OBQ; John, AI4RT; Alan, AB4OZ; Bob, W4TTX; Ken, KI4OTO; Don, WA4AVU; Selene, KG4RMT; Hank, K4HM; Chuck, W3WZN

Guests: Cliff, W4FT; David, KF4VXJ; Jay, KJ4HZZ; Vic, KJ4ZJE

Apologies and/or emailed reports:

1. Call to order (Karl W4CHX): Karl W4CHX called the meeting to order at 7:03 PM.
2. Approval of minutes (Karl W4CHX): After discussion, the Minutes of the February 21, 2012 meeting of the RARS Board were approved as amended.

3. Vice President's report (CJ KJ4OBQ): Tom Brown will be giving the topic for May. Title TBD (ARES, OXCOM?)
4. Treasurer's report (Greg KE4PAX): Not present.
5. Secretary's report (Bob KI4YXM): No report.
6. Committee reports:
 - a. Public Service Director (John AI4RT): Reminding of upcoming events. New, we will be providing support for Special Olympics (June 1 and 2). Plus the "mud ruckus" June 16th.
 - b. Public Information Officer (Chuck W3WZN): NR
 - c. Education Director (Virginia NC4VA): NR
 - d. Field Day Chair (Bob W4TTX): Dave is scrounging and there will be updates to the RARS web page.
 - e. FM Repeater Chair (Karl W4CHX): Karl W4CHX provided an update on the installation of the 145.13 repeater at the RTP tower site. Reviewed all the steps necessary to get the repeater equipment operational. The band plan is up to date regarding having the "13" repeater in the triangle. TBD is the internet connection between the "13" and "44" repeaters. Repair or replacement of the repeater building at the Bayleaf tower site discussion was deferred to the general business part of the meeting.
 - f. RARSFest Chair (John AI4RT): Last planning session is this Monday.
 - g. Exciter Chair (Courtney KI4HOS): NR
 - h. Hospitality Chair (Mary Jo K4MJL): NR
 - i. Net Manager (Mary KG4OQA): NR
 - j. ARRL Liaison (Chuck K4HF): Notice from ARRL there will be online access to QST archives.
 - k. At-Large Director (Don WA4AVU): Needs more time to promote APRS. Plans to get back on track and support some public service jobs.

- I. At-Large Director (Ken KI4OTO): NR
- m. At-Large Director (Jack N6UYB): NR
- n. W4DW/W4RNC Trustee (Jeff AC4ZO): NR
- o. RARS VE Coordinators (Joe WA4GIR and Liz KO4CK): NR
- p. RARS Webmaster (Hank K4HM): Supporting RARSfest.

7. Old business:

- a. New award for RARS members (Ken KI4OTO): Ken needs additional members on the committee. They will meet before the next Board meeting.
- b. Insurance coverage for RARS (Greg KE4PAX): Karl reported for Greg that we will change our coverage to what the ARRL recommends for affiliated clubs. We will change carriers to do this.
- c. ARRL licensing manuals for public libraries (Murray K4MHM): NR

8. New business:

- a. Repair or replacement of repeater building at the Bayleaf tower site (Cliff W4FT, Jack N6UYB, and Karl W4CHX): Cliff presented detailed documentation of cost estimates to repair or replace the repeater building at Bayleaf. This was discussed in some detail. The consensus of the Board was that the building should be replaced with one that meets current code and our needs. We also felt that we needed sufficient contingency in the budget. There are still many unknowns regarding details. Cliff is working to address this. We also agreed that we need to poll the membership to see what skills (carpenters and electricians) are in the club and can be utilized. We also need to see if there is a way we can leverage our 5013c status for donations of labor and/or material. Don Downs made the following motion which was seconded by Selene: "That the Board recommend to the membership, that an additional \$6,000 from the general fund be added to the repeater line item. The funds are for replacing the existing building at the Bayleaf repeater site." The motion passed.
- b. ARRL Roanoke Division Convention at 2014 RARSfest (Chuck K4HF): As an approved State Convention ARRL sends "visiting firemen" to RARSfests. The Roanoke Division and NCS Staff have noticed how we conduct RARSfest and

as a result they suggested RARSfest be the ARRL Roanoke Division Convention in 2014. Chuck reviewed how conventions are assigned including State, Section, Division and others. Doing this will require little extra work or funds on the part of RARS. The Board reached consensus on letting the RARSfest committee decide on this and we will support them.

- c. Jay, KJ4HZZ and Vic, KJ4ZJE reported on their difficulties with feedback when volunteering for club activities. One item cited was a lack of understanding what would be required at various public service events. There was also lack of feedback on assignments for RARSfest. John, Hank, C.J. and others explained how the feedback is supposed to work. All will be taking steps to make sure it works better.

9. There was no other business:

10. Board member's comments: Jack, N6UYB: a new GMRS repeater is on the air for 462.675 pair.

11. Adjournment (Karl W4CHX): The meeting was adjourned at 8:55 PM.

Minutes of the April 17, 2012 RARS Board Meeting

Present: Bob KI4YXM, CJ KJ4OBQ, Chuck K4HF, Joe WA4GIR, Don WA4AVU, Bob W4TTX, Jack N6UYB, Virginia NC4VA, Greg, KE4PAX, Ken KI4OTO, Karl W4CHX, Chuck W3WZN

Guests: Marc W4MPS, Marty W4MY, Paul AA4XX, David KF4VXJ, Jay KJ4HZZ

1. Call to order (Karl W4CHX): Karl W4CHX called the meeting to order at 7:04 PM.
2. Approval of minutes (Karl W4CHX): Approval of March minutes was deferred to the May meeting.
3. Vice President's report (CJ KJ4OBQ): The speaker for May meeting is Tom Brown, N4TAB who will speak on amateur radio and emergency communications. At the June meeting, Bob W4TTX will present Field Day plans.
4. Treasurer's report (Greg KE4PAX): RARS has 313 members; 47 are new this year and 49 have not renewed from last year. There was a \$966.45 donation from Brian

Nipper via Chuck Littlewood. A payment schedule with 1st Alliance has not been agreed to. We will pay them at last year's rate until we have an agreement. Have a draft budget for review later tonight.

5. Secretary's report (Bob KI4YXM): No report.

6. Committee reports:

- a. Public Service Director (John AI4RT): The next event is the Springfest Three Ring Cycle in Pittsboro. The Special Olympics will be held on June 1st and 2nd.
- b. Public Information Officer (Chuck W3WZN): No report.
- c. Education Director (Virginia NC4VA): Forty-two (42) people are enrolled in the next Technician licensing class.
- d. Field Day Chair (Bob W4TTX): There will be a Band Captains' Meeting on Friday evening via the 146.64 repeater. We have extended an invitation to Sheriff Donnie Harrison to start Field Day at 2:00 PM in sync with an atomic clock. The rules for the antenna launcher contest were reviewed. David KF4VXJ reported that Diamond Springs and Harris Teeter are making donations to support Field Day. Some donors have asked that RARS provide links to the donor's website via the RARS website. After discussion, the consensus was to let Bob W4TTX and David KF4VXJ handle individual requests as they saw fit.
- e. FM Repeater Chair (Karl W4CHX): Karl W4CHX reported that Cliff W4FT is moving forward on the plans for the new building at the Bayleaf repeater site. A competing bid for the building has been received from a friend of a RARS member. Since the planning for the repeater building is still in its early stages and we need input from the tower site owner, it is premature to proceed with contracting for a building from any source. Once feedback from the tower site owner has been received, we will know how to proceed. Then, it is likely that we will ask for a revised bid(s).
- f. RARSFest Chair (John AI4RT): John AI4RT reported that RARSFest ticket sales are ahead of last year. The RARSfest Volunteers' Picnic is April 21st, and the "wrap-up" meeting is scheduled for April 23rd.
- g. Exciter Chair (Courtney KI4HOS): No report
- h. Hospitality Chair (Mary Jo K4MJL): No report

- i. Net Manager (Mary KG4OQA): No report
- j. ARRL Liaison (Chuck K4HF): Chuck K4HF reported that representatives from the Roanoke Division and the NC Section were present at RARSfest and very satisfied with having RARS apply for sponsoring the Roanoke Division Convention for 2014.
- k. At-Large Director (Don WA4AVU): Don WA4AVU commented that he needs more time to promote APRS. He plans to “get back on track” and provide APRS support to more public service events.
- l. At-Large Director (Ken KI4OTO): The RARSFest Volunteers’ Picnic is Saturday, April 21st. Ken KI4OTO indicated that he will have a report next month about the awards committee activity.
- m. At-Large Director (Jack N6UYB): No report.
- n. W4DW/W4RNC Trustee (Jeff AC4ZO): No report
- o. RARSVE Coordinators (Joe WA4GIR and Liz KO4CK): Joe WA4GIR reported that 68 people were tested at RARSFest, and only 10 people failed. With regard to the number of individuals taking the various licensing tests, they were about evenly split among Technician, General, and Amateur Extra class tests.
- p. RARS Webmaster (Hank K4HM): No report.

7. New business:

- a. Sponsorship of the North Carolina QSO Party (Mary W4MY, Paul AA4XX, Marc W4MPS, and Joe WA4GIR): Marty W4MY reported that the Forsyth Amateur radio Club is looking for a new sponsor for North Carolina QSO Party (NCQP). RARS’ obligation would be to have a small core committee to plan and conduct the event. Marty W4MY reported that the NCQP Committee would have a Chair and at least 4-6 members. One or two Committee members would be at-large members from other NC amateur radio clubs. After discussion, most Board members felt this was a very good opportunity for RARS.

Jack N6UYB made the following motion: “That RARS accept the invitation to sponsor the NCQP, starting in 2013 and that we create a Board position, for a RARS member, as chair of the committee.” Ken KI4OTO seconded the

motion. The motion passed unanimously. Marty W4MY was appointed as the Chair of the new committee. Marc W4MPS, Paul AA4XX, and Joe WA4GIR will be the RARS committee members. Marty W4MY will work to fill the two at-large positions.

- b. 2014 Roanoke Division Convention at RARSFest (Chuck K4HF): Chuck K4HF gave an update on the progress of RARS' application to ARRL for RARSfest to be designated the Roanoke Division Convention on April 19, 2014.

8. Old business:

- a. ARRL licensing manuals for public libraries (Murray K4MHM): No report.
- b. Insurance coverage for RARS (Greg KE4PAX): This will be discussed next month.
- c. None of the visitors elected to make any comments.

9. Any other business:

- a. School communications project with International Space Station (Jay KJ4HZZ): Jay KJ4HZZ attended the meeting to ask for help in handling a school communications project with the International Space Station, which has been approved to take place in October, 2012. The school is in Randolph County and under the DEC of Rhett, KB4HG. It was mentioned that the Cape Fear Amateur Radio Society in Fayetteville might be contacted for closer assistance.
- b. 2012-2013 RARS Budgets (Greg KE4PAX): Greg KE4PAX presented the preliminary version of the 2012-2013 RARS Budget. This was discussed by the Board. A line item will be added to the budget for the NC QSO Party. The Board was asked to review the budget information and be prepared to discuss and finalize the budget at the next RARS Board Meeting. Then, the budget will be presented to the general membership for approval at the June meeting.

10. Board member's comments: Karl W4CHX reminded everyone of the Celebration of Life gathering for Frank Lynch, W4FAL (SK) on Saturday, April 28, 2012.

11. Adjournment (Karl W4CHX): The meeting was adjourned at 9:12 PM.

Minutes of the May 1, 2012 RARS General Meeting

1. Call to order: The meeting was called to order at 7:32 PM by Karl W4CHX.
2. Approval of minutes: The Minutes of the RARS General Membership meeting on April 3, 2012 were approved. Motion by Charlie WB4DCM and seconded by Tom K2UCU.
3. Vice President's report (CJ KJ4OBQ): June topic is Field Day which will be presented by Bob W4TTX.
4. Treasurer's report (Greg KE4PAX): RARS currently has 322 members including 50 new. The Board of Directors is currently working on the 2012-2013 budget. It will be brought before the membership at the June meeting. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
5. Announcements (Karl W4CHX):
 - a. RARS Dinner: second Tuesday, (5/8/12), 6:30 PM, Golden Corral, 6129 Glenwood Avenue (Hwy 70), monitor the 146.64 repeater on Tuesday (5/8) for any update information.
 - b. RARS Board meeting: Third Tuesday (5/15/12), 7:00 PM, Triangle Radio Reading Service, 211 E. Six Forks Road, Suite 103; any RARS member is welcome to attend. For more information, contact any RARS officer.
 - c. After meeting gathering: The after meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco)
 - d. Upcoming hamfests: Upstate Hamfest (SC Section Convention), Spartanburg, SC (5/5); Rockingham CO ARC Swapfest, Reidsville, NC (5/12); Heart of Georgia Hamfest, Byron, GA (5/12); Dayton Hamvention (ARRL National Convention), Dayton, OH (5/18-20); and, DurHamFest, Bahama, NC (5/26). Please see the Exciter or the ARRL website for information on other hamfests.
 - e. Guests: Kornienko Rodion ERIUS from Moldova, Bill Bergman (Bill completed the Tech class and passed the exam) and Eric Lambert.
6. Reports from RARS Board members and others:
 - a. ARRL Field Day (Bob W4TTX): June 22, 23 & 24th. Bob reported that Field Day is the Woodstock of Amateur Radio. Set up will begin Friday at 2 pm. There will be a www.rars.org

(Continued on next page) | 2

be an antenna launcher contest. There will be an operators drawing at the August club meeting. If you operate for one hour you will be eligible for the drawing. Meals served are Friday supper, Saturday lunch, Saturday supper and Sunday breakfast. Sheriff Donnie Harrison will be on hand to start the event.

- b. Public Service (John AI4RT): The 3Ring Cycle is Saturday in Pittsboro. Volunteers are needed Special Olympics for Fri set up and the event on Sat. Scheduled for June 1st and 2nd.
- c. Help needed with repeater projects (Karl W4CHX): Karl W4CHX provided a brief update on the repeater projects, i.e., the installation of the 145.13 repeater at the RTP tower site and the replacement of the building at the Bayleaf tower site. Karl W4CHX indicated that volunteers are needed for these projects, particularly licensed building contractor and/or electrical contractor license. Please contact Karl W4CHX at w4chx@arrl.net to volunteer.
- d. Alan AB4OZ reminded members to be careful about giving too much detail about vacation plans to avoid theft problems.
- e. A member of the Durham FM association was present and selling advanced tickets to the DurHamFest.

7. Any other business: There was no other business brought before the members.

8. Drawing: The winners were Dennis KC8FLD, Jeanne AK4RJ and Dennis AJ4HK

9. Program: The program was entitled “Emergency Communications” and presented by Tom Brown, N4TAB.

10. Adjournment: The meeting was adjourned at 8:40 PM by Karl W4CHX

Local Amateur Radio Nets

Join us every evening at 8 PM on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **PCTN (Piedmont Costal Traffic Net)** meets every night at 9 PM on the 146.880. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

Central Carolina SKYWARN

Please join us each Tuesday @ 9:15 PM on the 146.880 repeater for the CCS net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

The **Wake County ARES Net** meets Thursdays at 8:30 PM on the 146.640 repeater. We provide discussion training for the implementation and provision of emergency communications for our served agencies, such as the American Red Cross and the local and state Emergency Operations Center. Please join us. For more information, check out www.wakeares.org.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 PM. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

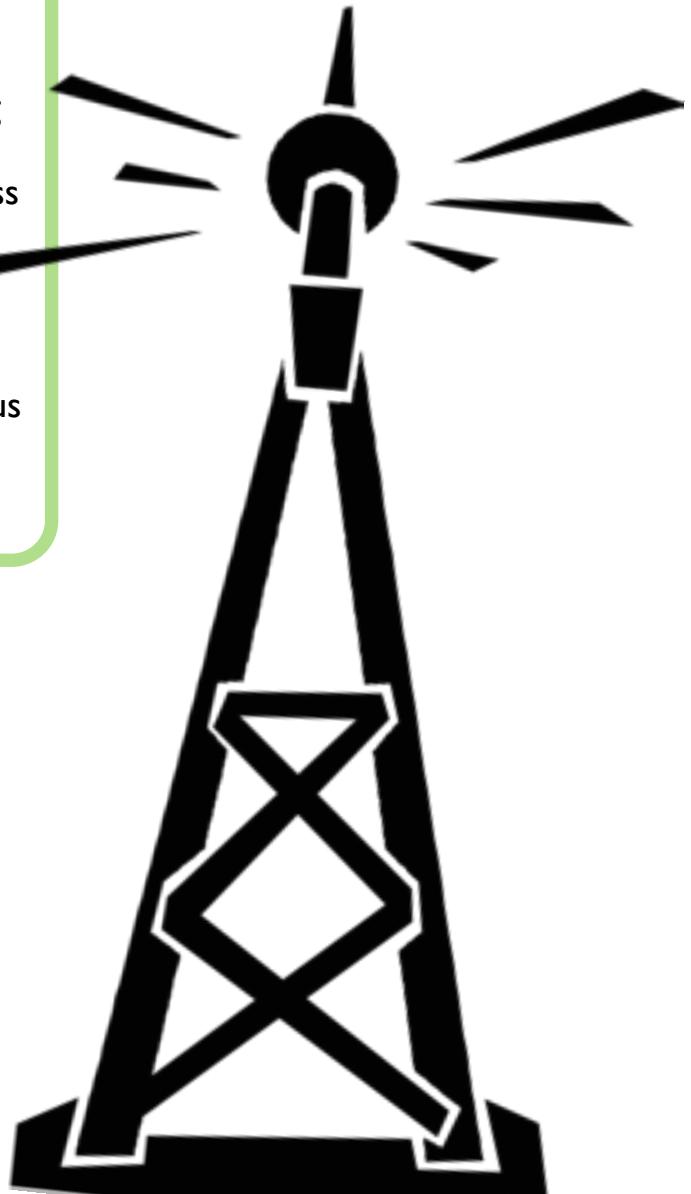
Local Amateur Radio Nets

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 at 8:30 PM.

Apex Emergency Response Communications Net

This net meets weekly each Sunday evening @ 9 PM on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints. All stations are invited to participate in this net.

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.



RARS Classifieds

Looking to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php>.

RARS members are welcome to post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

The Raleigh Amateur Radio Society's

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